Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 31 Dec 2022 until 23:59 on Sunday 01 Jan 2023

Forecast Issued on Friday 30 Dec 2022 at 15:36

Confidence: Remaining unsettled over the New Year period with further low pressure systems moving in from the Atlantic and bring periods of strong winds and wet weather, no significant snow is expected in this period but some uncertainty exists in the sleet and rain mix at times.

Headline for Saturday 31 Dec 2022: A wet start but drier for a time before further rain, winds easing but remaining cloudy throughout.

Mountain weather hazards on Saturday 31 Dec 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Light rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Heavy Rain
Precipitation probability							
10%	80%	60%	70%	70%	70%	80%	80%

Forecast for Saturday 31 Dec 2022

Weather: Dry for the first part of the night but an area of rain spreads in from the west and will affect most of the area by early morning. Rain will clear east in the morning with some brighter conditions for a time, although perhaps a few drizzly spells lingering. Further rain spreading north during the afternoon and evening.

Chance of cloud-free hill tops above 600m: 20% improving to 50% for a time but deteriorating back to 30%.

Low cloud and visibility: Broken or overcast low cloud overnight and first thing in the morning with layers of cloud above 400m and very little chance of views from height in the morning. Below 500m visibility will be hazy but some views are possible. In the afternoon some cloud will clear and lift allowing for visibility to improve. Scattered cloud layers above 600m are still likely but some summits may clear temporarily at times, especially around northeastern areas, cloud will thicken and lower later in the day once again.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Saturday 31 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/32 SW	19/26 S	24/31 SW	21/29 SW	21/29 SW	18/24 SW	14/19 S	18/24 S	25/35 SW
300	16/25 SW	14/22 S	16/24 SW	14/22 SW	15/24 SW	12/20 SW	9/16 S	13/20 S	18/29 SW
Valley	9/23 SW	8/20 S	10/23 SW	8/20 SW	9/22 SW	7/17 SW	6/16 S	7/18 S	12/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	5/-0	5/0	6/1	6/0	5/0	5/1	4/-0	4/-2
300	7/3	7/3	8/4	8/4	8/4	7/4	7/5	7/4	7/2
Valley	7/4	7/5	8/5	8/6	8/6	8/6	7/5	7/5	7/4
Freezing Level*	1200m	1400m	1700m	1600m	1500m	1300m	1300m	1400m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level above the summits and winds not too strong during the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 30 Dec 2022	2.4mm	8.8mm	31mm

Forecast for Sunday 01 Jan 2023

Weather: A brighter day than Saturday to start the new year, with some sunny intervals but the odd shower too and quite blustery in the strong, gusty winds. Showers will be rain in the morning but turning wintry to 600m later.

Maximum wind: Southwesterly 20-25mph gusts 30-35mph.

Chance of cloud-free hill tops above 600m: 70%, some lower cloud gathering around the hills in showers.

Low cloud and visibility: Areas of low cloud in showers shrouding the summits for a time, scattered cloud above 600m. Lower cloud more likely for western and southern tops. General visibility out of showers will be very good with good views and a good chance to spot any showers moving your way!

Temperature: **Valleys:** Plus 6 or 7 Celsius.
At 600m: Plus 4 Celsius falling to 2 later.
Freezing level: 1000m falling to 700m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.